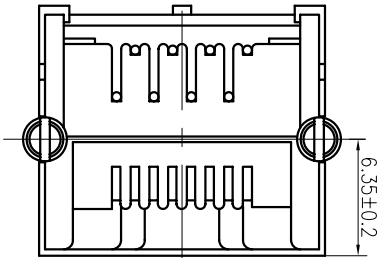
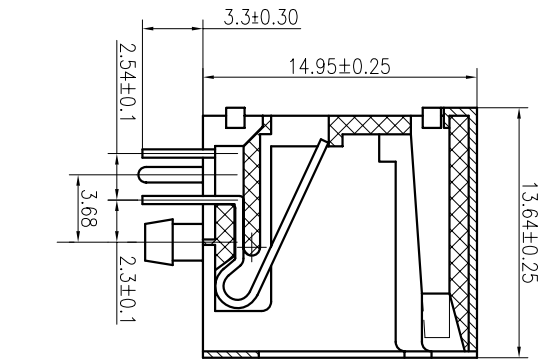
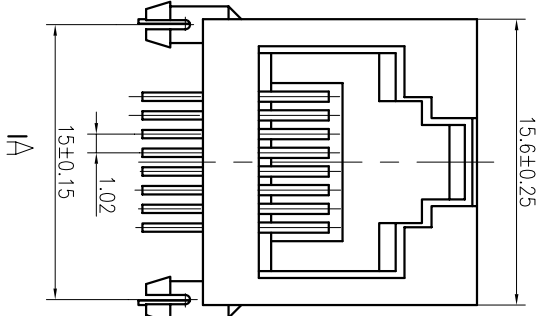


PC Board Layout



IA

A-A



NOTICE

ELECTRICAL:

CURRENT RATING: 15A VOLTAGE RATING: 125V AC
 INSULATION RESISTANCE: 500MΩ Min
 WITHSTAND VOLTAGE: AC 1500 V RMS 50Hz OR 60Hz 1Min
 CONTACT RESISTANCE: 20mΩ Max

MECHANICAL:

INSERTION FORCE: 2 CONTACTS-----350g, 4 CONTACTS-----500g,
 6 CONTACTS-----750g, 8 CONTACTS-----900g, 10 CONTACTS-----1050g ;
 RETENTION STRENGTH: 7.7kg BETWEEN JACK AND PLUG
 DURABILITY: 750 MATING CYCLES Min;

MATERIAL:

HOUSING: 1) GLASS FILLED PA66 (UL 94V-0), 2) GLASS FILLED PA66 (UL 94V-0)
 3) GLASS FILLED PBT (UL 94V-0)

SPRING WIRE: 1) 0.45mm DIA PHOSPHOR BRONZE GOLD PLATING OVER NICKEL

2) 0.35mm THICKNESS PHOSPHOR BRONZE ALLOY SELECTIVE GOLD PLATING OVER NICKEL

SHIELDING: 0.25mm THICKNESS COPPER ALLOY WITH TIN PLATED

GOLD PLATING: 3μ", 6μ", 15μ", 30μ", 50μ"

WORKING TEMPERATURE: -40℃~100℃

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0~10±0.15, 10~20±0.2,
 20~40±0.25, 40~70±0.3, ≥70±0.4

B N Z G - A B C D - E H I

"B" with the company code
 Series of products: 96: Double RJ45 + transformer series; 90: Single RJ45 + transformer series; 50: Single RJ45 + transformer series; 144: 8P8T 110V series; 144: 8P8T 110V series; 80: Series that IC: 91: Automotive connector public block; 82: Automotive connector block; 85: SMT series; 96: RJ45 for switches
Family code (sequence id): 1-199
 Type of product code: 5: 6-pin RJ45 transformer; F: 10-base RJ45 transformer; V: for no transformer RJ45 products; W: Series for heat-conduct code
Product out part: 1-201, 2-202, 4-204, 6-205, 8-206, 8-208, 8-209, 8-210, 8-211, 8-212, 8-213, 8-214, 8-215, 8-216, 8-217, 8-218, 8-219, 8-220, 8-221, 8-222, 8-223, 8-224, 8-225, 8-226, 8-227, 8-228, 8-229, 8-230, 8-231, 8-232, 8-233, 8-234, 8-235, 8-236, 8-237, 8-238, 8-239, 8-240, 8-241, 8-242, 8-243, 8-244, 8-245, 8-246, 8-247, 8-248, 8-249, 8-250, 8-251, 8-252, 8-253, 8-254, 8-255, 8-256, 8-257, 8-258, 8-259, 8-260, 8-261, 8-262, 8-263, 8-264, 8-265, 8-266, 8-267, 8-268, 8-269, 8-270, 8-271, 8-272, 8-273, 8-274, 8-275, 8-276, 8-277, 8-278, 8-279, 8-280, 8-281, 8-282, 8-283, 8-284, 8-285, 8-286, 8-287, 8-288, 8-289, 8-290, 8-291, 8-292, 8-293, 8-294, 8-295, 8-296, 8-297, 8-298, 8-299, 8-300, 8-301, 8-302, 8-303, 8-304, 8-305, 8-306, 8-307, 8-308, 8-309, 8-310, 8-311, 8-312, 8-313, 8-314, 8-315, 8-316, 8-317, 8-318, 8-319, 8-320, 8-321, 8-322, 8-323, 8-324, 8-325, 8-326, 8-327, 8-328, 8-329, 8-330, 8-331, 8-332, 8-333, 8-334, 8-335, 8-336, 8-337, 8-338, 8-339, 8-340, 8-341, 8-342, 8-343, 8-344, 8-345, 8-346, 8-347, 8-348, 8-349, 8-350, 8-351, 8-352, 8-353, 8-354, 8-355, 8-356, 8-357, 8-358, 8-359, 8-360, 8-361, 8-362, 8-363, 8-364, 8-365, 8-366, 8-367, 8-368, 8-369, 8-370, 8-371, 8-372, 8-373, 8-374, 8-375, 8-376, 8-377, 8-378, 8-379, 8-380, 8-381, 8-382, 8-383, 8-384, 8-385, 8-386, 8-387, 8-388, 8-389, 8-390, 8-391, 8-392, 8-393, 8-394, 8-395, 8-396, 8-397, 8-398, 8-399, 8-400, 8-401, 8-402, 8-403, 8-404, 8-405, 8-406, 8-407, 8-408, 8-409, 8-410, 8-411, 8-412, 8-413, 8-414, 8-415, 8-416, 8-417, 8-418, 8-419, 8-420, 8-421, 8-422, 8-423, 8-424, 8-425, 8-426, 8-427, 8-428, 8-429, 8-430, 8-431, 8-432, 8-433, 8-434, 8-435, 8-436, 8-437, 8-438, 8-439, 8-440, 8-441, 8-442, 8-443, 8-444, 8-445, 8-446, 8-447, 8-448, 8-449, 8-450, 8-451, 8-452, 8-453, 8-454, 8-455, 8-456, 8-457, 8-458, 8-459, 8-460, 8-461, 8-462, 8-463, 8-464, 8-465, 8-466, 8-467, 8-468, 8-469, 8-470, 8-471, 8-472, 8-473, 8-474, 8-475, 8-476, 8-477, 8-478, 8-479, 8-480, 8-481, 8-482, 8-483, 8-484, 8-485, 8-486, 8-487, 8-488, 8-489, 8-490, 8-491, 8-492, 8-493, 8-494, 8-495, 8-496, 8-497, 8-498, 8-499, 8-500, 8-501, 8-502, 8-503, 8-504, 8-505, 8-506, 8-507, 8-508, 8-509, 8-510, 8-511, 8-512, 8-513, 8-514, 8-515, 8-516, 8-517, 8-518, 8-519, 8-520, 8-521, 8-522, 8-523, 8-524, 8-525, 8-526, 8-527, 8-528, 8-529, 8-530, 8-531, 8-532, 8-533, 8-534, 8-535, 8-536, 8-537, 8-538, 8-539, 8-540, 8-541, 8-542, 8-543, 8-544, 8-545, 8-546, 8-547, 8-548, 8-549, 8-550, 8-551, 8-552, 8-553, 8-554, 8-555, 8-556, 8-557, 8-558, 8-559, 8-560, 8-561, 8-562, 8-563, 8-564, 8-565, 8-566, 8-567, 8-568, 8-569, 8-570, 8-571, 8-572, 8-573, 8-574, 8-575, 8-576, 8-577, 8-578, 8-579, 8-580, 8-581, 8-582, 8-583, 8-584, 8-585, 8-586, 8-587, 8-588, 8-589, 8-590, 8-591, 8-592, 8-593, 8-594, 8-595, 8-596, 8-597, 8-598, 8-599, 8-600, 8-601, 8-602, 8-603, 8-604, 8-605, 8-606, 8-607, 8-608, 8-609, 8-610, 8-611, 8-612, 8-613, 8-614, 8-615, 8-616, 8-617, 8-618, 8-619, 8-620, 8-621, 8-622, 8-623, 8-624, 8-625, 8-626, 8-627, 8-628, 8-629, 8-630, 8-631, 8-632, 8-633, 8-634, 8-635, 8-636, 8-637, 8-638, 8-639, 8-640, 8-641, 8-642, 8-643, 8-644, 8-645, 8-646, 8-647, 8-648, 8-649, 8-650, 8-651, 8-652, 8-653, 8-654, 8-655, 8-656, 8-657, 8-658, 8-659, 8-660, 8-661, 8-662, 8-663, 8-664, 8-665, 8-666, 8-667, 8-668, 8-669, 8-670, 8-671, 8-672, 8-673, 8-674, 8-675, 8-676, 8-677, 8-678, 8-679, 8-680, 8-681, 8-682, 8-683, 8-684, 8-685, 8-686, 8-687, 8-688, 8-689, 8-690, 8-691, 8-692, 8-693, 8-694, 8-695, 8-696, 8-697, 8-698, 8-699, 8-700, 8-701, 8-702, 8-703, 8-704, 8-705, 8-706, 8-707, 8-708, 8-709, 8-710, 8-711, 8-712, 8-713, 8-714, 8-715, 8-716, 8-717, 8-718, 8-719, 8-720, 8-721, 8-722, 8-723, 8-724, 8-725, 8-726, 8-727, 8-728, 8-729, 8-730, 8-731, 8-732, 8-733, 8-734, 8-735, 8-736, 8-737, 8-738, 8-739, 8-740, 8-741, 8-742, 8-743, 8-744, 8-745, 8-746, 8-747, 8-748, 8-749, 8-750, 8-751, 8-752, 8-753, 8-754, 8-755, 8-756, 8-757, 8-758, 8-759, 8-760, 8-761, 8-762, 8-763, 8-764, 8-765, 8-766, 8-767, 8-768, 8-769, 8-770, 8-771, 8-772, 8-773, 8-774, 8-775, 8-776, 8-777, 8-778, 8-779, 8-780, 8-781, 8-782, 8-783, 8-784, 8-785, 8-786, 8-787, 8-788, 8-789, 8-790, 8-791, 8-792, 8-793, 8-794, 8-795, 8-796, 8-797, 8-798, 8-799, 8-800, 8-801, 8-802, 8-803, 8-804, 8-805, 8-806, 8-807, 8-808, 8-809, 8-810, 8-811, 8-812, 8-813, 8-814, 8-815, 8-816, 8-817, 8-818, 8-819, 8-820, 8-821, 8-822, 8-823, 8-824, 8-825, 8-826, 8-827, 8-828, 8-829, 8-830, 8-831, 8-832, 8-833, 8-834, 8-835, 8-836, 8-837, 8-838, 8-839, 8-840, 8-841, 8-842, 8-843, 8-844, 8-845, 8-846, 8-847, 8-848, 8-849, 8-850, 8-851, 8-852, 8-853, 8-854, 8-855, 8-856, 8-857, 8-858, 8-859, 8-860, 8-861, 8-862, 8-863, 8-864, 8-865, 8-866, 8-867, 8-868, 8-869, 8-870, 8-871, 8-872, 8-873, 8-874, 8-875, 8-876, 8-877, 8-878, 8-879, 8-880, 8-881, 8-882, 8-883, 8-884, 8-885, 8-886, 8-887, 8-888, 8-889, 8-890, 8-891, 8-892, 8-893, 8-894, 8-895, 8-896, 8-897, 8-898, 8-899, 8-900, 8-901, 8-902, 8-903, 8-904, 8-905, 8-906, 8-907, 8-908, 8-909, 8-910, 8-911, 8-912, 8-913, 8-914, 8-915, 8-916, 8-917, 8-918, 8-919, 8-920, 8-921, 8-922, 8-923, 8-924, 8-925, 8-926, 8-927, 8-928, 8-929, 8-930, 8-931, 8-932, 8-933, 8-934, 8-935, 8-936, 8-937, 8-938, 8-939, 8-940, 8-941, 8-942, 8-943, 8-944, 8-945, 8-946, 8-947, 8-948, 8-949, 8-950, 8-951, 8-952, 8-953, 8-954, 8-955, 8-956, 8-957, 8-958, 8-959, 8-960, 8-961, 8-962, 8-963, 8-964, 8-965, 8-966, 8-967, 8-968, 8-969, 8-970, 8-971, 8-972, 8-973, 8-974, 8-975, 8-976, 8-977, 8-978, 8-979, 8-980, 8-981, 8-982, 8-983, 8-984, 8-985, 8-986, 8-987, 8-988, 8-989, 8-990, 8-991, 8-992, 8-993, 8-994, 8-995, 8-996, 8-997, 8-998, 8-999, 8-1000, 8-1001, 8-1002, 8-1003, 8-1004, 8-1005, 8-1006, 8-1007, 8-1008, 8-1009, 8-1010, 8-1011, 8-1012, 8-1013, 8-1014, 8-1015, 8-1016, 8-1017, 8-1018, 8-1019, 8-1020, 8-1021, 8-1022, 8-1023, 8-1024, 8-1025, 8-1026, 8-1027, 8-1028, 8-1029, 8-1030, 8-1031, 8-1032, 8-1033, 8-1034, 8-1035, 8-1036, 8-1037, 8-1038, 8-1039, 8-1040, 8-1041, 8-1042, 8-1043, 8-1044, 8-1045, 8-1046, 8-1047, 8-1048, 8-1049, 8-1050, 8-1051, 8-1052, 8-1053, 8-1054, 8-1055, 8-1056, 8-1057, 8-1058, 8-1059, 8-1060, 8-1061, 8-1062, 8-1063, 8-1064, 8-1065, 8-1066, 8-1067, 8-1068, 8-1069, 8-1070, 8-1071, 8-1072, 8-1073, 8-1074, 8-1075, 8-1076, 8-1077, 8-1078, 8-1079, 8-1080, 8-1081, 8-1082, 8-1083, 8-1084, 8-1085, 8-1086, 8-1087, 8-1088, 8-1089, 8-1090, 8-1091, 8-1092, 8-1093, 8-1094, 8-1095, 8-1096, 8-1097, 8-1098, 8-1099, 8-1100, 8-1101, 8-1102, 8-1103, 8-1104, 8-1105, 8-1106, 8-1107, 8-1108, 8-1109, 8-1110, 8-1111, 8-1112, 8-1113, 8-1114, 8-1115, 8-1116, 8-1117, 8-1118, 8-1119, 8-1120, 8-1121, 8-1122, 8-1123, 8-1124, 8-1125, 8-1126, 8-1127, 8-1128, 8-1129, 8-1130, 8-1131, 8-1132, 8-1133, 8-1134, 8-1135, 8-1136, 8-1137, 8-1138, 8-1139, 8-1140, 8-1141, 8-1142, 8-1143, 8-1144, 8-1145, 8-1146, 8-1147, 8-1148, 8-1149, 8-1150, 8-1151, 8-1152, 8-1153, 8-1154, 8-1155, 8-1156, 8-1157, 8-1158, 8-1159, 8-1160, 8-1161, 8-1162, 8-1163, 8-1164, 8-1165, 8-1166, 8-1167, 8-1168, 8-1169, 8-1170, 8-1171, 8-1172, 8-1173, 8-1174, 8-1175, 8-1176, 8-1177, 8-1178, 8-1179, 8-1180, 8-1181, 8-1182, 8-1183, 8-1184, 8-1185, 8-1186, 8-1187, 8-1188, 8-1189, 8-1190, 8-1191, 8-1192, 8-1193, 8-1194, 8-1195, 8-1196, 8-1197, 8-1198, 8-1199, 8-1200, 8-1201, 8-1202, 8-1203, 8-1204, 8-1205, 8-1206, 8-1207, 8-1208, 8-1209, 8-1210, 8-1211, 8-1212, 8-1213, 8-1214, 8-1215, 8-1216, 8-1217, 8-1218, 8-1219, 8-1220, 8-1221, 8-1222, 8-1223, 8-1224, 8-1225, 8-1226, 8-1227, 8-1228, 8-1229, 8-1230, 8-1231, 8-1232, 8-1233, 8-1234, 8-1235, 8-1236, 8-1237, 8-1238, 8-1239, 8-1240, 8-1241, 8-1242, 8-1243, 8-1244, 8-1245, 8-1246, 8-1247, 8-1248, 8-1249, 8-1250, 8-1251, 8-1252, 8-1253, 8-1254, 8-1255, 8-1256, 8-1257, 8-1258, 8-1259, 8-1260, 8-1261, 8-1262, 8-1263, 8-1264, 8-1265, 8-1266, 8-1267, 8-1268, 8-1269, 8-1270, 8-1271, 8-1272, 8-1273, 8-1274, 8-1275, 8-1276, 8-1277, 8-1278, 8-1279, 8-1280, 8-1281, 8-1282, 8-1283, 8-1284, 8-1285, 8-1286, 8-1287, 8-1288, 8-1289, 8-1290, 8-1291, 8-1292, 8-1293, 8-1294, 8-1295, 8-1296, 8-1297, 8-1298, 8-1299, 8-1300, 8-1301, 8-1302, 8-1303, 8-1304, 8-1305, 8-1306, 8-1307, 8-1308, 8-1309, 8-1310, 8-1311, 8-1312, 8-1313, 8-1314, 8-1315, 8-1316, 8-1317, 8-1318, 8-1319, 8-1320, 8-1321, 8-1322, 8-1323, 8-1324, 8-1325, 8-1326, 8-1327, 8-1328, 8-1329, 8-1330, 8-1331, 8-1332, 8-1333, 8-1334, 8-1335, 8-1336, 8-1337, 8-1338, 8-1339, 8-1340, 8-1341, 8-1342, 8-1343, 8-1344, 8-1345, 8-1346, 8-1347, 8-1348, 8-1349, 8-1350, 8-1351, 8-1352, 8-1353, 8-1354, 8-1355, 8-1356, 8-1357, 8-1358, 8-1359, 8-1360, 8-1361, 8-1362, 8-1363, 8-1364, 8-1365, 8-1366, 8-1367, 8-1368, 8-1369, 8-1370, 8-1371, 8-1372, 8-1373, 8-1374, 8-1375, 8-1376, 8-1377, 8-1378, 8-1379, 8-1380, 8-1381, 8-1382, 8-1383, 8-1384, 8-1385, 8-1386, 8-1387, 8-1388, 8-1389, 8-1390, 8-1391, 8-1392, 8-1393, 8-1394, 8-1395, 8-1396, 8-1397, 8-1398, 8-1399, 8-1400, 8-1401, 8-1402, 8-1403, 8-1404, 8-1405, 8-1406, 8-1407, 8-1408, 8-1409, 8-1410, 8-1411, 8-1412, 8-1413, 8-1414, 8-1415, 8-1416, 8-1417, 8-1418, 8-1419, 8-1420, 8-1421, 8-1422, 8-1423, 8-1424, 8-1425, 8-1426, 8-1427, 8-1428, 8-1429, 8-1430, 8-1431, 8-1432, 8-1433, 8-1434, 8-1435, 8-1436, 8-1437, 8-1438, 8-1439, 8-1440, 8-1441, 8-1442, 8-1443, 8-1444, 8-1445, 8-1446, 8-1447, 8-1448, 8-1449, 8-1450, 8-1451, 8-1452, 8-1453, 8-1454, 8-1455, 8-1456, 8-1457, 8-1458, 8-1459, 8-1460, 8-1461, 8-1462, 8-1463, 8-1464, 8-1465, 8-1466, 8-1467, 8-1468, 8-1469, 8-1470, 8-1471, 8-1472, 8-1473, 8-1474, 8-1475, 8-1476, 8-1477, 8-1478, 8-1479, 8-1480, 8-1481, 8-1482, 8-1483, 8-1484, 8-1485, 8-1486, 8-1487, 8-1488, 8-1489, 8-1490, 8-1491, 8-1492, 8-1493, 8-1494, 8-1495, 8-1496, 8-1497, 8-1498, 8-1499, 8-1500, 8-1501, 8-1502, 8-1503, 8-1504, 8-1505, 8-1506, 8-1507, 8-1508, 8-1509, 8-1510, 8-1511, 8-1512, 8-1513, 8-1514, 8-1515, 8-1516, 8-1517, 8-1518, 8-1519, 8-1520, 8-1521, 8-1522, 8-1523, 8-1524, 8-1525, 8-1526, 8-1527, 8-1528, 8-1529, 8-1530, 8-1531, 8-1532, 8-1533, 8-1534, 8-1535, 8-1536, 8-1537, 8-1538, 8-1539, 8-1540, 8-1541, 8-1542, 8-1543, 8-1544, 8-1545, 8-1546, 8-1547, 8-1548, 8-1549, 8-1550, 8-1551, 8-1552, 8-1553, 8-1554, 8-1555, 8-1556, 8-1557, 8-1558, 8-1559, 8-1560, 8-1561, 8-1562, 8-1563, 8-1564, 8-1565, 8-1566, 8-1567, 8-1568, 8-1569, 8-1570, 8-1571, 8-1572, 8-1573, 8-1574, 8-1575, 8-1576, 8-1577, 8-1578, 8-1579, 8-1580, 8-1581, 8-1582, 8-1583, 8-1584, 8-1585, 8-1586, 8-1587, 8-1588, 8-1589, 8-1590, 8-1591, 8-1592, 8-1593, 8-1594, 8-1595, 8-1596, 8-1597, 8-1598, 8-1599, 8-1600, 8-1601, 8-1602, 8-1603, 8-1604, 8-1605, 8-1606, 8-1607, 8-1608, 8-1609, 8-1610, 8-1611, 8-1612, 8-1613, 8-1614, 8-1615, 8-1616, 8-1617, 8-1618, 8-1619, 8-1620, 8-1621, 8-1622, 8-1623, 8-1624, 8-1625, 8-1626, 8-1627, 8-1628, 8-1629, 8-1630, 8-1631, 8-1632, 8-1633, 8-1634, 8-1635, 8-1636, 8-1637, 8-